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The IDL Astronomy User's Library

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IDL (Interactive Data Language) is a commercial<sup>1</sup> programming, plotting, and image display language, which is widely used in astronomy. The IDL Astronomy User's Library is a central repository of over 400 astronomy-related IDL procedures accessible via anonymous FTP. I will overview the use of IDL within the astronomical community, and discuss recent enhancements to the IDL astronomy library. These enhancements include a fairly complete I/O package for FITS images and tables, an image deconvolution package and an image mosaic package, and access to IDL OpenWindows/Motif widgets interface. The IDL Astronomy Library is funded by NASA through the Astrophysics Software and Research Aids Program.

<sup>1</sup> - Research Systems Inc., Boulder, CO